

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	865	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:17
L3	87	"73"\$.cds. and (damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:19
L4	464	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:35
L5	472	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:35
L6	219	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:35
L7	131	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:36

L8	452	damp\$4 same coup\$4) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:59
L9	452	(damp\$4 same coup\$5) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:59
L10	24	"318'/\$.cos. and (damp\$4 same coup\$5) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:59
L11	67	"318'/\$.cos. and (damp\$4 same coup\$5) and (oscillator\$1 or oscillating) and mass\$2	USPAT	OR	OFF	2010/11/27 01:04
L12	43	L11 not L10	USPAT	OR	OFF	2010/11/27 01:04
L13	289	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 01:12
S1	1	("20070139750").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/05 11:53
S2	1993	"359'/\$.cls. and scanner\$1.clm.	US-PGPUB; USPAT	OR	OFF	2010/03/05 12:15
S3	1432	"359'/\$.cls. and scanner\$1.clm.	USPAT	OR	OFF	2010/03/05 12:15
S4	321	"359'/\$.cls. and (scan\$5.clm. adj mirror\$1 )	USPAT	OR	OFF	2010/03/05 12:15
S5	146	"359'/\$.cls. and (scan\$5.clm. adj mirror\$1) and oscillat\$4	USPAT	OR	OFF	2010/03/05 12:16
S6	67	"359'/\$.cls. and (scan\$5.clm. adj mirror\$1) and oscillat\$4.clm.	USPAT	OR	OFF	2010/03/05 12:17
S8	195	"359'/\$.cls. and (scanner\$1.clm. or (scan\$5.clm. adj mirror\$1)) and oscillat\$4.clm.	USPAT	OR	OFF	2010/03/05 12:48
S9	7	Asai.in. and Nobuaki and scanner\$1	USPAT	OR	OFF	2010/03/05 13:48
S10	5	("20010036000"   "20030072066"   "5629790"   "5969465"   "7446911").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/05 13:48

S11	3	"19728598"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 13:52
S12	107	FUNKin. and KARSTEN	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 14:17
S13	33	FUNKin. and KARSTEN	USPAT	OR	OFF	2010/03/05 14:18
S14	4	("2001055146").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:06
S15	2	("2001055146").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:06
S16	9	"10119073"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:22
S18	1	("20030211930").PN.	US_PGPUB	OR	OFF	2010/03/05 15:24
S20	1	("6975442").PN.	USPAT	OR	OFF	2010/03/05 15:24

S21	2	"9844571"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:28
S22	0	(oscillator\$1 same triangular same (symmetric or asymmetric)) and (scanner\$1.clm. or (scanning near mirror\$1))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:53
S23	0	(oscillator\$1 same triangular same (symmetric or asymmetric)) and (scanner\$1.clm. or (scanning near mirror\$1))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:53
S24	0	(oscillator\$1 same triangular same (symmetric or asymmetric)) and (scanner\$1.clm. or (scanning near mirror\$1))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:54
S25	2	(oscillator\$1 same triangular same (symmetric or asymmetric)) and (scanner\$1 or (scanning near mirror\$1))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:54
S26	8	(oscillator\$1 same waveform same (symmetric or asymmetric)) and (scanner\$1 or (scanning near mirror\$1))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:56

S27	2	damping and oscilat\$4 and (scanner\$1 or (scanning near mirror\$1))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 18:47
S28	3742	damping and (scanner\$1 or (scanning near mirror\$1))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 18:48
S29	492	damping and (scanner\$1.clm. or (scanning.clm. near mirror \$1))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 18:48
S30	295	damping and (scanner\$1.clm. or (scanning.clm. near mirror \$1))	USPAT	OR	OFF	2010/03/05 18:49
S31	4042	"359"/\$.COLS. AND (MIRROR\$1.CLM. or micro\$1mirror\$1, clm.) and spring	US_PGPUB; USPAT	OR	OFF	2010/03/05 20:18
S32	2812	"359"/\$.COLS. AND (MIRROR\$1.CLM. or micro\$1mirror\$1, clm.) and spring	USPAT	OR	OFF	2010/03/05 20:18
S33	983	"359"/\$.COLS. AND (MIRROR\$1.CLM. or micro\$1mirror\$1, clm.) and spring.clm.	USPAT	OR	OFF	2010/03/05 20:19
S34	217	"359"/\$.COLS. AND (MIRROR\$1.CLM. or micro\$1mirror\$1, clm.) and spring.clm. and scan\$9	USPAT	OR	OFF	2010/03/05 20:19
S35	610	"359"/\$.COLS. AND MIRROR\$1.CLM. and (spring same mirror \$1) and scan\$9	USPAT	OR	OFF	2010/03/05 20:28
S36	311	"359"/\$.COLS. AND MIRROR\$1.CLM. and (spring same mirror \$1) and scanner\$1	USPAT	OR	OFF	2010/03/05 20:29
S37	198	"359"/\$.COLS. AND MIRROR\$1.CLM. and (spring same mirror \$1) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/05 20:29
S38	10	("6618184").URPN.	USPAT	OR	OFF	2010/03/05 21:07

S39	8	("20020071166"   "20020071169"   "20020075554"   "20020097952"   "20020105725"   "6377535"   "6392220"   "6396789").PN.	US_PGPUB; USPAT; USOCR	OR	OFF	2010/03/05 21:07
S40	84	MIRRORS1.CLM. and (spring same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/05 21:09
S43	4	359/290,291,292,295,298,223,224,214,230.OCLS. AND MIRRORS1.CLM. and (spring same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	US_PGPUB	OR	OFF	2010/03/06 13:17
S44	9	359/290,291,292,295,298,223,224,214,230.OCLS. AND MIRRORS1.CLM. and (spring same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:17
S45	4	359/290,291,292,295,298,223,224,214,230.OCLS. AND MIRRORS1.CLM. and (spring\$1 same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	US_PGPUB	OR	OFF	2010/03/06 13:17
S46	9	359/290,291,292,295,298,223,224,214,230.OCLS. AND MIRRORS1.CLM. and (spring\$1 same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:17
S47	94	359/290,291,292,295,298,223,224,214,230.OCLS. AND MIRRORS1.CLM. and ((mirror\$1 MASS mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:18
S48	22	359/290,291,292,295,298,223,224,214,230.OCLS. AND MIRRORS1.CLM. and ((mirror\$1 SAME mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:18
S49	13	359/290,291,292,295,298,223,224,214,230.OCLS. AND MIRRORS1.CLM. and ((mirror\$1 SAME mass\$4)) and (scanning near mirror\$1)	US_PGPUB	OR	OFF	2010/03/06 13:18
S50	1	("5245463").PN.	USPAT	OR	OFF	2010/03/06 13:45
S51	1076237	DE "19728598"	USPAT	OR	OFF	2010/03/15 10:52
S52	8563809	DE "19728598"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB	OR	OFF	2010/03/15 10:52

S53	1	DE19728598	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/15 10:52
S54	107	FUNKin. and KARSTEN	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 09:51
S55	9	FUNKin. and KARSTEN and Micromechanical and mirror	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 09:52
S56	1	DE19728598	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 09:53
S57	1	("20070139750").PN.	US_PGPUB	OR	OFF	2010/09/11 14:31
S58	0	de10119073	US_PGPUB; USPAT	OR	OFF	2010/09/11 14:43
S59	1	de10119073	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 14:43

S60	145	GESSNER,in. and THOMAS	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 14:43
S61	15	GESSNER,in. and THOMAS and laser	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 14:44
S62	4	GESSNER,in. and THOMAS and oscillator\$1	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 15:09
S63	3	geometric\$1 adj waveform.clm.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:10
S64	3	geometric adj waveform.clm.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:10
S65	3	geometric adj waveform\$1.clm.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:10

S66	3	(geometric adj waveform\$1.cdm.) and (geometric adj waveform\$1)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:12
S67	3	(geometric adj wave\$1form\$1.cdm.) and (geometric adj waveform\$1)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:14
S68	3	(geometric adj wave\$1form\$1.cdm.) and (geometric adj wave\$1form\$1)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:14
S69	2	S68 and (non\$1sinusoidal or triangle\$1 or square)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:14
S70	25316	waveform\$1 with (non\$1sinusoidal or triangle\$1 or square)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:24
S71	1	("4001658").PN.	USPAT	OR	OFF	2010/11/26 18:39
S76	1	Frenk.in. and Helmuth and (non adj sinusoidal) and triangular and sym\$10	US_PGPUB; USPAT	OR	OFF	2010/11/26 19:05
S77	1713	damp\$4 and couple and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US_PGPUB; USPAT	OR	OFF	2010/11/26 19:47

S78	413	damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USPAT	OR	OFF	2010/11/26 19:47
S79	249	damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 19:47
S80	30	"73"/\$.cds. and (damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 19:48
S81	1	("4001658").URPN.	USPAT	OR	OFF	2010/11/26 19:56
S82	538	damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 19:57
S83	249	damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 19:58
S84	289	damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 20:20
S85	39	73/862.61 and damp\$4	USPAT	OR	OFF	2010/11/26 20:47
S86	800	mechanical adj oscillator\$1	USPAT	OR	OFF	2010/11/26 20:49
S87	265	S86 and damp\$9	USPAT	OR	OFF	2010/11/26 20:50
S88	206	S86 and damp\$9 and mass\$4	USPAT	OR	OFF	2010/11/26 20:50
S89	18	S86 and (damp\$9 with couple\$4)	USPAT	OR	OFF	2010/11/26 20:51
S90	28	S86 and (damp\$9 with coup\$6)	USPAT	OR	OFF	2010/11/26 20:51

S91	249	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 20:52
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**EAST Search History (Interference)**

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